

# UTILITY CONTINUATION PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

10/80/90  
11062 U.S. PRO  
09/877521  
06/08/01

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09/877521  
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Attorney Docket No.: 4371-5-CON

Inventors: William Banning Vail III of 3123 - 198th Place S.E., Bothell, Washington 98012

Express Mail Label No.: EL 545147818 US

Title: "DETERMINING RESISTIVITY OF A FORMATION ADJACENT TO A BOREHOLE HAVING CASING WITH AN APPARATUS HAVING ALL CURRENT CONDUCTING ELECTRODES WITHIN THE CASED WELL"

Group Art Unit:

Examiner:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

This is a Continuation Application of pending prior Continuation-in-Part Application No. 09/310,312 filed May 12, 1999, which is a Continuation-in-Part of Application No. 08/738,924 filed October 28, 1996, now U.S. Patent No. 6,025,721, which is a divisional of Application No. 08/083,615 filed June 28, 1993, now U.S. Patent No. 5,570,024, which is a Continuation-in-Part of Application No. 07/754,965 filed September 4, 1991, now U.S. Patent No. 5,223,794, which is a divisional of Application No. 07/434,886 filed November 13, 1989, now U.S. Patent No. 5,075,626, which is a Continuation-in-Part of Application No. 07/089,697 filed August 26, 1987, now U.S. Patent No. 4,882,542, which is a Continuation-in-Part of Application No. 06/927,115 filed November 4, 1986, now U.S. Patent No. 4,820,989. The entire disclosure of the immediately prior application, from which a copy of the oath or declaration is supplied, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference.

Enclosed for filing with the above-identified utility patent application, please find the following:

1. [X] Copy of Oath/Declaration from the above-referenced pending prior application (37 CFR 1.63(d))
2. [X] Preliminary Amendment
3. [X] Return Postcard (MPEP 503) (should be specifically itemized)
4. [X] A check in the amount of \$710.00 is enclosed.

## FEE CALCULATION:

Cancel in this application original Claims 1 - 2 of the prior application before calculating the filing fee.

	(COL. 1) NO. FILED				SMALL ENTITY			LARGE ENTITY	
					RATE	FEE		RATE	FEE
BASIC FEE:						\$355.00	OR		\$710.00
TOTAL CLAIMS:	2	-	20	0	X \$9 =		OR	X \$18 =	\$0.00
INDEP. CLAIMS:	1	-	3	0	X \$40 =		OR	X \$80 =	\$0.00
MULTIPLE DEPENDENT CLAIMS					+ \$135 =		OR	+\$270 =	\$0.00
*IF THE DIFFERENCE IN COL. 2 IS LESS THAN ZERO, ENTER "0" IN COL. 2.					TOTAL:				\$710.00

## OTHER INFORMATION:

1. [X] The Commissioner is hereby authorized to debit any underpayments or credit any overpayment to Deposit Account No. 19-1970.

2. [X] The Commissioner is hereby authorized to charge all required fees for extensions of time under §1.17 to Deposit Account No. 19-1970.
3. [X] The prior application is assigned to Western Atlas International, Inc.
4. [X] Please amend the specification by inserting the following after the Title and before page 1, line 7:

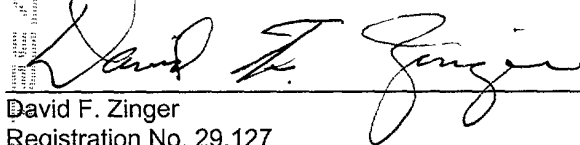
--This application is a Continuation Application of a Continuation-in-Part Application that is entitled "Determining Resistivity of a Formation Adjacent to a Borehole Having Casing with an Apparatus Having All Current Conducting Electrodes Within the Cased Well"; which is Serial No. 09/310,312; which has the filing date of 5/12/1999. An entire copy of Serial No. 09/310,312 is included herein by reference. --

8. [X] Correspondence Address:

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Respectfully Submitted,

SHERIDAN ROSS P.C.

  
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David F. Zinger  
Registration No. 29,127

Date: June 8, 2001